EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/06 14:31
S1	132	RTP.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 10:55
S2	8628	118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.1.ccls.	US-PGPUB; USPAT; EPO; IPO; DERWENT; IBM_TDB	OR	MON	2006/08/01 09:33
S3	8034	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571- 576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2003/11/07 12:45
S4	2262	ccls. or 141/44-47.ccls. or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/07 12:45
S5	456	261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/07 12:45
S6	2572	261/19-22.ccls. or 261/23.1. ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/07 12:45

S7	7023	261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100- 102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/07 12:45
S 8	8968	(ald or cvd) and deposit\$3 and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/07 12:46
S 9	28323	(118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/561a.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/599.01.ccls. or 137/599.01.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/34-47.ccls. or 141/367.ccls.) or (261/127.ccls.) or (261/127.ccls.) or (261/146-147.ccls.) or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/113.ccls. or 261/105.ccls. or 261/113.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ion	2003/11/07 12:46
S10	1890	(ald or cvd) and deposit\$3 and (valve same wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/07 12:46
S11	231	(ald or cvd) and deposit\$3 and ((valve and actuator) same wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/07 12:46

S12	0	((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((actuator same (gas and wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve same actuator) same wall)) not ((valve same actuator) and (118/715.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR		2003/11/06
S13	0	or 156/345.33.ccls.))))))) valve and wall and (deposit \$4 or etch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/06 14:31
S14	0	valve and wall and (deposit \$4 or etch\$4) and flush	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/06 14:31

S15	0		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/06 14:31
S16	О	(valve and wall and (deposit \$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/06 14:31
S17	О	(wall with "pinch valve") and deposit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2003/11/06 14:31
S18	0	(wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2003/11/06 14:31
S 19	0	"diaphragm valve".ti. and "chemical vapor deposition"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/06 14:32
S20		((118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.34.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/560.ccls. or 137/561a.ccls. or 137/561a.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/367.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/140.ccls.) or (261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/105.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/105.ccls. or 261/105.ccls. or 261/105.ccls. or 261/109-109.ccls. or 261/105.ccls. or 261/105.ccls. or 261/109-109.ccls. or 261/105.ccls. or 261/109-109.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NOR		14:32

		261/113.ccls. or 261/114.1. ccls.)) and (((ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)))			м. чининининининининининининининининининин	
S21	O	\$4 or etch\$4)) and	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR		2003/11/06 14:33

		261/113.ccls. or 261/114.1. ccls.)) and (((ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3))))			, , , , , , , , , , , , , , , , , , ,	
S22	(C)	(((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((actuator same (gas and wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR		2003/11/06

cvd) and deposit\$3 not	: 3	:	§
-		unuu	
(((valve same actuator) and			
(118/715.ccls. or			
156/345.33.ccls.)) or (((ald		······	
or cvd) and deposit\$3 and		unuu	
((valve and actuator) same		umm	
wall)) not ((valve same			
actuator) and (118/715.ccls.		mmn.	
or 156/345.33.ccls.))))))))))			
and ((valve and wall and			
(deposit\$4 or etch\$4)) and			
(((118/715.ccls. or 118/728.			
ccls. or 118/50.ccls. or			
156/345.29.ccls. or			
156/345.33.ccls. or			
156/345.34.ccls. or		· · · · · · · · · · · · · · · · · · ·	
156/345.35.ccls. or			
156/345.36.ccls. or			
156/345.26.ccls. or		·····	
156/345.51.ccls.) or		***************************************	
(137/262-264.ccls. or			
137/454.2 or 137/560.ccls.			
or 137/561r.ccls. or			
137/561a.ccls. or 137/571-			
576.ccls. or 137/590.ccls. or			
137/594-596.ccls. or			
137/599.01.ccls. or			
137/599.05-599.07.ccls. or			
137/602.ccls.) or (141/285-			
286.ccls. or 141/37.ccls. or			
141/44-47.ccls. or 141/54.			
cels. or 141/301-302.cels.			
or 141/367.ccls.) or			
(261/127.ccls. or 261/131.			
cels. or 261/146-147.cels.			
or 261/150.ccls.) or (261/19-			
22.ccls. or 261/23.1.ccls. or			
261/40.ccls. or 261/42.ccls.			
or 261/62-63.ccls.) or			
(261/64.1.ccls. or 261/65.			
cels. or 261/75-76.cels. or			
261/94-96.ccls. or 261/100-		***************************************	
102.ccls. or 261/105.ccls. or			
261/108-109.ccls. or			
261/113.ccls. or 261/114.1.			
ccls.)) and (((ald or cvd)			
and deposit\$3 and (valve			
same wall)) or (((gate or			
door) same (gas and			
spring)) and (ald or cvd)			
and deposit\$3 not (((valve			
same actuator) and			
(118/715.ccls. or		·····	
156/345.33.ccls.)) or (((ald		"	
or cvd) and deposit\$3 and			
((valve and actuator) same			
wall)) not ((valve same	§	1	- 3

		actuator) and (118/715.ccls. or 156/345.33.ccls.)))) or ((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)))))			пининининининининининининининининининин	
S23	0	(("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	USPAT; USOCR	OR	OFF	2003/11/06 14:51
S24	0	("5885358").PN.	USPAT; USOCR	OR	OFF	2003/11/06 14:51
S25	6	(("5002928") or ("5853484") or ("5002928") or ("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 14:55
S26	2	us-20020129768-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 14:53
S27	11	(("6,228,563") or ("6,333,268") or ("4,872.947") or ("5,000,113") or ("5,362,526") or ("20030045098") or ("20020155632")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 14:56
S28	2	("4872947").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 14:57
S29	19	(("5,522,934") or ("5,620,523") or ("5,772,771") or ("6,132,552") or ("6,294,026") or ("6,453,992") or ("5,792,272") or ("20030033980") or ("20040144310")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	mOFF	2004/12/15 14:57
S30	2	("5,002,928").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 13:27
S31	2	("5,853,484").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 13:27

S 32	9791	118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.26.ccls. or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S33	7879	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571- 576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S34	2414	141/285-286.ccls. or 141/37. ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302. ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S35	472	261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S 36	2608	261/19-22.ccls. or 261/23.1. ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S37	7165	261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100- 102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S 38	12740	(ald or cvd) and deposit\$3 and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38

S 39	29670	(118/715.ccls. or 118/728.	US-PGPUB;	OR	ON	2005/07/19
S39	29670	(118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/561r.ccls. or 137/561r.ccls. or 137/590.ccls. or 137/599.01.ccls. or 137/599.01.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
		13//602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54. ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/114.1. ccls.)				
S40	2683	(ald or cvd) and deposit\$3 and (valve same wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S41	393	(ald or cvd) and deposit\$3 and ((valve and actuator) same wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S42	73	((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))	US-PGPUB; USPAT; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38

S43	4	((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2005/07/19
		(118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((actuator same (gas and wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (156/345.33.ccls.))) or			пининининининининининининининининининин	
		(((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))))))				
S44	70431	valve and wall and (deposit \$4 or etch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
645 645	7496	valve and wall and (deposit \$4 or etch\$4) and flush	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38

S46	32898		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S47	32898	(valve and wall and (deposit \$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S48	25	(wall with "pinch valve") and deposit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S49	96	(wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S50	5	"diaphragm valve".ti. and "chemical vapor deposition"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
551	1282	((118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/560.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/599.ccls. or 137/599.05-599.07.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/162-63.ccls.) or (261/40.ccls. or 261/42.ccls. or 261/64-63.ccls.) or (261/64-1.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/100-102.ccls. or 261/105.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR		2005/07/19

		261/113.ccls. or 261/114.1. ccls.)) and (((ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)))				
S52	540	\$4 or etch\$4)) and	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	N ON	2005/07/19 13:59

		261/113.ccls. or 261/114.1. ccls.)) and (((ald or evd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or evd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or evd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3))))			***************************************	
S53	O	(((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((actuator same (gas and wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38

cvd) and deposit\$3 not	: 3	:	§
-		unuu	
(((valve same actuator) and			
(118/715.ccls. or			
156/345.33.ccls.)) or (((ald		······	
or cvd) and deposit\$3 and		unuu	
((valve and actuator) same		umm	
wall)) not ((valve same			
actuator) and (118/715.ccls.		mmn.	
or 156/345.33.ccls.))))))))))			
and ((valve and wall and			
(deposit\$4 or etch\$4)) and			
(((118/715.ccls. or 118/728.			
ccls. or 118/50.ccls. or			
156/345.29.ccls. or			
156/345.33.ccls. or			
156/345.34.ccls. or		· · · · · · · · · · · · · · · · · · ·	
156/345.35.ccls. or			
156/345.36.ccls. or			
156/345.26.ccls. or		·····	
156/345.51.ccls.) or		***************************************	
(137/262-264.ccls. or			
137/454.2 or 137/560.ccls.			
or 137/561r.ccls. or			
137/561a.ccls. or 137/571-			
576.ccls. or 137/590.ccls. or			
137/594-596.ccls. or			
137/599.01.ccls. or			
137/599.05-599.07.ccls. or			
137/602.ccls.) or (141/285-			
286.ccls. or 141/37.ccls. or			
141/44-47.ccls. or 141/54.			
cels. or 141/301-302.cels.			
or 141/367.ccls.) or			
(261/127.ccls. or 261/131.			
cels. or 261/146-147.cels.			
or 261/150.ccls.) or (261/19-			
22.ccls. or 261/23.1.ccls. or			
261/40.ccls. or 261/42.ccls.			
or 261/62-63.ccls.) or		·····	
(261/64.1.ccls. or 261/65.			
cels. or 261/75-76.cels. or			
261/94-96.ccls. or 261/100-		***************************************	
102.ccls. or 261/105.ccls. or			
261/108-109.ccls. or			
261/113.ccls. or 261/114.1.			
ccls.)) and (((ald or cvd)			
and deposit\$3 and (valve			
same wall)) or (((gate or			
door) same (gas and			
spring)) and (ald or cvd)			
and deposit\$3 not (((valve			
same actuator) and			
(118/715.ccls. or		·····	
156/345.33.ccls.)) or (((ald		"	
or cvd) and deposit\$3 and			
((valve and actuator) same			
wall)) not ((valve same	§	1	- 3

	mmammammammammammammammammammammammamma	actuator) and (118/715.ccls. or 156/345.33.ccls.)))) or ((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)))))			тининининининининининининининининининин	
S54	2	(("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	USPAT; USOCR	OR	OFF	2005/07/19 13:38
S55	1	("5885358").PN.	USPAT; USOCR	OR	OFF	2005/07/19 13:38
S56	180	RTP.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2005/07/19 13:38
S57	6	(("5002928") or ("5853484") or ("5002928") or ("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 13:38
S58	2	us-20020129768-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 13:38
S59	11	(("6,228,563") or ("6,333,268") or ("4,872.947") or ("5,000,113") or ("5,362,526") or ("20030045098") or ("20020155632")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 13:38
S60	2	("4872947").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 13:38
S61	19	(("5,522,934") or ("5,620,523") or ("5,772,771") or ("6,132,552") or ("6,294,026") or ("6,453,992") or ("5,792,272") or ("20030033980") or ("20040144310")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19
S62	2	("5,002,928").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 13:38

S63	4	(("5951771") or ("5221449")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 14:00
S64	225	NGUYEN-ANH-N.in. or CHIAO-STEVE-H.in. or YUAN-XIAOXIONG.in. or LEI-LAWRENCE-CHUNG-LAI.in. or XI-MING.in. or YANG-MICHAEL-X.in. or SEUTTER-SEAN-M.in. or ITOH-TOSHIO.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	mon	2005/07/19 14:02
S65	108	S64 and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 14:03
S66	290	("20010000866" "2001000280" "20010009140" "20010009695" "20010021589" "20010025879" "20010025979" "20010029994" "20010029994" "20010029991" "20010034123" "20010041250" "20010042799" "20010054730" "20010054769" "20020005556" "20020007790" "2002000790" "20020016084" "20020015790" "20020015790" "20020015790" "2002001544" "20020021544" "20020037630" "20020041931" "20020044866" "200200448635" "20020048880" "20020048880" "20020055235"	US-PGPUB; USPAT; USOCR	OR		2005/07/19 14:47

"20020061612"	iii	
"20020064970" l		
"20020068458" l	·	
"20020073924" I	iii	
"20020074588" I		
"20020076481" l		
"20020076507"		
"20020076508"	iii	
\$ · · · · · · · · · · · · · · · · · · ·		
"20020076837"		
"20020081826"		
"20020081844"	uii,	
"20020090829" l		
"20020093046" l	iii	
"20020093781"		
"20020094689"		
"20020098627"		
"20020104481" l		
"20020105088" l		
"20020106536"	1111	
"20020106846"	iii	
"20020109168"		
"20020117399" l		
"20020121697" l		
"20020135071"		
"20020133071" "20020144655"		
"20020144657"		
3		
"20020146511"		
"20020146895"		
"20020151152"		
"20020153579"		
"20020155722" l		
"20020162506"		
"20020164421"	iii.	
"20020164423"		
"20020177282"		
"20020182320" l		
"20020187256"		
"20020187631" l		
"20020197402"		
"20030013320" l		
"20030015764" l		
"20030031807" l		
"20030032281"		
"20030042630"		
"20030042030"		
"20030049942 "20030060057"		
"20030072975"		
"20030082296"		
"20030082300"	Turning.	
"4058430" "4389973"	· · · · · · · · · · · · · · · · · · ·	
"4413022" "4486487"		
"4767494" "4806321"		
"4813846" "4829022"		
"4834831").PN. OR		
("4838983" "4838993"		
"4840921" "4845049"	· · · · · · · · · · · · · · · · · · ·	
"4859625" "4859627"	***************************************	

	**"4861417" "4876218"			-	
	"4917556" "4927670"				
	"4931132" "4951601"				
	"4960720" "4975252"				
	"4993357" "5000113"				
	"5013683" "5028565"				
	. 2				
	"5082798" "5085885"				
	"5091320" "5130269"				
	"5166092" "5173474"				
	"5186718" "5205077"				
	"5225366" "5234561"				
	"5246536" "5250148"				
	"5254207" "5256244"				
	"5259881" "5270247"				
	["5278435" "5281274"				
	"5286296" "5290609"				
	"5290748" "5294286"				
	"5296403" "5300186"				
	"5306666" "5311055"				
	"5316615" "5316793"				
	"5330610" "5336324"				
	"5338389" "5348911"				
	"5374570" "5395791"				
	"5438952" "5439876"				
	"5441703" "5443033"				
	"5443647" "5455072"				
	"5458084" "5469806"				
	. 2				
	"5480818" "5483919" "5480875"				
	"5484664" "5503875"				
	"5521126" "5526244"				
	"5527733" "5532511"				
	"5540783" "5580380"				
	"5601651" "5609689"				
	"5616181" "5637530"				
	<u>"5641984" "5644128" </u>				
	"5667592" "5674786"				
	"5693139" "5695564"				
	["5705224" "5707880"				
	"5711811" "5730801"				
	"5730802" "5747113"				
	"5749974" "5788447"				
	"5788799" "5796116"				
	"5801634" "5807792"				
	"5830270" "5835677"				
	"5851849" "5855675"				
	"5855680" "5856219"				
	"5858102" "5866213"				
	"5866795" "5879459"				
	"5882165" "5882413"				
	"5904565" "5916365"				
	"5923056" "5923985"		***************************************		
	"5925574" "5928389"				
	"5925574" "5928389" "5942040" "5947710"				
	•				
	"5972430" "6001669"				
	"6013553" "6015590"				
	"6015917" "6020243"				
	"6025627" "6036773"				
48 48	s	. \$: 3	15	s :§

		"6042652" "6043177" "6051286" "6062798" "6071808").PN. OR ("6084302" "6086677" "6110556" "6113977" "6117244" "6124158" "6130147" "6139700" "6140237" "6140238" "6143659" "6144060" "6158446" "6174377" "6174809" "6197683" "6200893" "6203613" "6206967" "6207302" "6207487" "6238734" "6248605" "6270572" "6271148" "6284646" "6287965" "6291283" "6291876" "6297539" "6299294" "6305314" "6306216" "6316098" "6333260" "6342277" "6348376" "6348386" "6355561" "6358829" "6368954" "6379748" "6391785" "6391803" "6395650" "6399491" "6416577" "6416822" "6420189" "6428859"				
	2	"6423619" "6428859" "6447933" "6451119" "6451695" "6452229" "6458701" "6468924" "6475276" "6475910" "6482262" "6482733" "6482740" "6492283" "6511539" "6534395" "6548424").PN. OR ("6846516").URPN.	US-PGPUB;	OR	ON	2005/07/24
		5020250 .pii.	USPAT; EPO; JPO; DERWENT; IBM_TDB			14:45
S68	9797	118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.26.ccls. or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45

S69	7879	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571- 576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S70	2415	141/285-286.ccls. or 141/37. ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302. ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S71	472	261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S 72	2608	261/19-22.ccls. or 261/23.1. ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S 73	7165	261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100- 102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S74	12844	(ald or cvd) and deposit\$3 and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S75	29677	(118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/561a.ccls. or 137/561a.ccls. or 137/590.ccls. or 137/599.05-599.07.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/34-47.ccls. or 141/301-302.ccls. or 141/367.ccls.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:53

		(261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/114.1. ccls.)			чининининининининининининининининининин	
S76	2736	(ald or cvd) and deposit\$3 and (valve same wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S77	444	(ald or cvd) and deposit\$3 and ((valve and actuator) same wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S78	73	((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	Mon	2005/07/24 14:45
S79	4	((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((actuator same (gas and	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR		2005/07/24

		wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))))))			лининин от верей вер	
\$80	70589	valve and wall and (deposit \$4 or etch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S81	7555	valve and wall and (deposit \$4 or etch\$4) and flush	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S82	33025	(valve and wall and (deposit \$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
\$83	33025	(valve and wall and (deposit \$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
\$84	25	(wall with "pinch valve") and deposit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S85	96	(wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S86	5	"diaphragm valve".ti. and "chemical vapor deposition"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45

S 87	1283	((118/715.ccls. or 118/728.	US-PGPUB;	OR	ON	2005/07/24
		ccls. or 118/50.ccls. or	USPAT; EPO;			14:45
		156/345.29.ccls. or	JPO; DERWENT;			
		156/345.33.ccls. or	IBM_TDB		uuu.	
		156/345.34.ccls. or				
		156/345.35.ccls. or				
		156/345.36.ccls. or				
		156/345.26.ccls. or				
		156/345.51.ccls.) or			unna	
		(137/262-264.ccls. or				
		137/454.2 or 137/560.ccls.			ann an	
		or 137/561r.ccls. or			uuu	
		137/561a.ccls. or 137/571-				
		576.ccls. or 137/590.ccls. or				
		137/594-596.ccls. or				
		137/599.01.ccls. or				
		137/599.05-599.07.ccls. or			uuua	
		137/602.ccls.) or (141/285-			, m	
	· · · · · · · · · · · · · · · · · · ·	286.ccls. or 141/37.ccls. or				·
		141/44-47.ccls. or 141/54.				
		ccls. or 141/301-302.ccls.				
		or 141/367.ccls.) or				
		(261/127.ccls. or 261/131.				
		ccls. or 261/146-147.ccls.				
		or 261/150.ccls.) or (261/19-				
		22.ccls. or 261/23.1.ccls. or				
		261/40.ccls. or 261/42.ccls.				
		or 261/62-63.ccls.) or			uuu	
		(261/64.1.ccls. or 261/65.			niiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	
		ccls. or 261/75-76.ccls. or				
		261/94-96.ccls. or 261/100-				
		102.ccls. or 261/105.ccls. or				
		261/108-109.ccls. or			niiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	
		261/113.ccls. or 261/114.1.			, m	
		ccls.)) and (((ald or evd)				
		and deposit\$3 and (valve				
		same wall)) or (((gate or				
		door) same (gas and				
		spring)) and (ald or cvd)			nama.	
		and deposit\$3 not (((valve				
		same actuator) and				
		(118/715.ccls. or				
		156/345.33.ccls.)) or (((ald			nama.	
		or cvd) and deposit\$3 and			num Maria	
		((valve and actuator) same				
		wall)) not ((valve same				
		actuator) and (118/715.ccls.				
		or 156/345.33.ccls.)))) or			num Maria	
	unnu	((wall with "pinch valve")			mun.	
		and deposit\$3) or ((wall				
		with "pinch valve") and			anna Maria	***************************************
		(reactor or chamber or				· · · · · · · · · · · · · · · · · · ·
		vessel or tank) not ((wall				· · · · · · · · · · · · · · · · · · ·
		with "pinch valve") and			········	
		deposit\$3)))			·i	****

S88	540	(valve and wall and (deposit	US-PGPUB;	OR	ON	2005/07/24
		\$4 or etch\$4)) and	USPAT; EPO;		1	14:45
		(((118/715.ccls. or 118/728.	JPO; DERWENT;			
		ccls. or 118/50.ccls. or	IBM_TDB			
		156/345.29.ccls. or				
		156/345.33.ccls. or				
		156/345.34.ccls. or				
		156/345.35.ccls. or				
		156/345.36.ccls. or				
		156/345.26.ccls. or		•		
		156/345.51.ccls.) or				
		(137/262-264.ccls. or			nama.	
		137/454.2 or 137/560.ccls.				
		or 137/561r.ccls. or		•		
		137/561a.ccls. or 137/571-				
		576.ccls. or 137/590.ccls. or			nama.	
		137/594-596.ccls. or				
	anna a	137/599.01.ccls. or		***************************************		
		137/599.05-599.07.ccls. or				***************************************
		137/602.ccls.) or (141/285-				
		286.ccls. or 141/37.ccls. or			muu	
		141/44-47.ccls. or 141/54.				
		ccls. or 141/301-302.ccls.				
		or 141/367.ccls.) or				
		(261/127.ccls. or 261/131.			uuu	
		ccls. or 261/146-147.ccls.				
		or 261/150.ccls.) or (261/19-				
		22.ccls. or 261/23.1.ccls. or				
		261/40.ccls. or 261/42.ccls.				
		or 261/62-63.ccls.) or				
		(261/64.1.ccls. or 261/65.				
		cels. or 261/75-76.cels. or				
		261/94-96.ccls. or 261/100-				
		102.ccls. or 261/105.ccls. or				
		261/108-109.ccls. or				
		261/113.ccls. or 261/114.1.			nama.	
		ccls.)) and (((ald or cvd)				
		and deposit\$3 and (valve				
		same wall)) or (((gate or				
		door) same (gas and			muu	
		spring)) and (ald or cvd)				
		and deposit\$3 not (((valve		***************************************	·········	
		same actuator) and			·······	***************************************
		(118/715.ccls. or			anna.	
		156/345.33.ccls.)) or (((ald			anna.	
		or cvd) and deposit\$3 and			mann M	
		((valve and actuator) same			······	
		wall)) not ((valve same			umm	
		actuator) and (118/715.ccls.				
		or 156/345.33.ccls.)))) or			muu.	
		((wall with "pinch valve")			mm.	
		and deposit\$3) or ((wall			mm.	
		with "pinch valve") and			mm.	
		(reactor or chamber or			man.	
		vessel or tank) not ((wall			man	
	mmn.	with "pinch valve") and			uum.	
		deposit\$3))))				

S89	0	(((gate or door) with (gas	US-PGPUB;	OR	ON	2005/07/24	·ann
		and spring)) and (ald or	USPAT; EPO;			14:45	
		cvd) not (((valve same	JPO; DERWENT;				
		actuator) and (118/715.ccls.	IBM_TDB		nnun.		
		or 156/345.33.ccls.)) or			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		(((ald or cvd) and deposit\$3					
		and ((valve and actuator)			"		
		same wall)) not ((valve			······		
		same actuator) and			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		(118/715.ccls. or					
		156/345.33.ccls.))) or					
		(((gate or door) same (gas			m		
		and spring)) and (ald or			unn		
		cvd) and deposit\$3 not					
		(((valve same actuator) and			"		
		(118/715.ccls. or			m		
		156/345.33.ccls.)) or (((ald			ıııııı		
		or cvd) and deposit\$3 and		***************************************	·········		
		((valve and actuator) same					
		wall)) not ((valve same			mmn		
		actuator) and (118/715.ccls.			unn		
		or 156/345.33.ccls.)))) or		•	······		
		((actuator same (gas and					
		wall)) and (ald or cvd) and			"		
		deposit\$3 not (((valve same			ıııııı		
		actuator) and (118/715.ccls.					
		or 156/345.33.ccls.)) or					
		(((ald or cvd) and deposit\$3			"		
		and ((valve and actuator)			ıııııı		
		same wall)) not ((valve					
		same actuator) and					
		(118/715.ccls. or			m		
		156/345.33.ccls.))) or			unn		
		(((gate or door) same (gas					
		and spring)) and (ald or					
		cvd) and deposit\$3 not			"		
		(((valve same actuator) and			ıııııı		
		(118/715.ccls. or					
		156/345.33.ccls.)) or (((ald					
		or cvd) and deposit\$3 and			m		
		((valve and actuator) same			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		wall)) not ((valve same					
		actuator) and (118/715.ccls.					
		or 156/345.33.ccls.)))))))))			muu		
		and ((valve and wall and			unna		
		(deposit\$4 or etch\$4)) and					
		(((118/715.ccls. or 118/728. ccls. or 118/50.ccls. or			"		
		\$			······		
		156/345.29.ccls. or			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		156/345.33.ccls. or					
		156/345.34.ccls. or 156/345.35.ccls. or			mmn		
					mmn		
		156/345.36.ccls. or			mmı	***************************************	
		156/345.26.ccls. or			umm.		
		156/345.51.ccls.) or			ann.		
		(137/262-264.ccls. or			uuu.		
	3	137/454.2 or 137/560.ccls.			ш		

S 93	6	(("5002928") or ("5853484") or ("5002928") or ("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 14:45
S94	2	us-20020129768-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S 95	11	(("6,228,563") or ("6,333,268") or ("4,872.947") or ("5,000,113") or ("5,362,526") or ("20030045098") or ("20020155632")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 14:45
S96	2	("4872947").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 14:45
S 97	19	(("5,522,934") or ("5,620,523") or ("5,772,771") or ("6,132,552") or ("6,294,026") or ("6,453,992") or ("5,792,272") or ("20030033980") or ("20040144310")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 14:45
S98	2	("5,002,928").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 14:45
S 99	2	("5,853,484").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 14:45
S100	9797	118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45

S101	7879	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571- 576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S102	2415	ccls. or 141/44-47.ccls. or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S103	472	261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S104	2608	261/19-22.ccls. or 261/23.1. ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S105	7165	261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100- 102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S106	12844	(ald or cvd) and deposit\$3 and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S107	29677	(118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/561a.ccls. or 137/561a.ccls. or 137/594.596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/34-47.ccls. or 141/54. ccls. or 141/367.ccls.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24

***************************************		(261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1. ccls.)			***************************************	
S108	2736	(ald or cvd) and deposit\$3 and (valve same wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S109	444	(ald or cvd) and deposit\$3 and ((valve and actuator) same wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S110	1.73	((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2005/07/24 14:45
S111	4	((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)))))) or ((actuator same (gas and	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR		2005/07/24 14:45

		wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)))))))))			инистининания в предержания в предержания в предержания в пределжения в предержания в	
S112	70589	valve and wall and (deposit \$4 or etch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2005/07/24 14:45
S113	7555	valve and wall and (deposit \$4 or etch\$4) and flush	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2005/07/24 14:45
S114	33025	(valve and wall and (deposit \$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2005/07/24 14:45
S115	33025	(valve and wall and (deposit \$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2005/07/24 14:45
S116	25	(wall with "pinch valve") and deposit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	Non	2005/07/24 14:45
S117	96	(wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S118	5	"diaphragm valve".ti. and "chemical vapor deposition"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45

S119	1283	((118/715.ccls. or 118/728.	US-PGPUB;	OR	ON	2005/07/24
		ccls. or 118/50.ccls. or	USPAT; EPO;			14:45
	annon .	156/345.29.ccls. or	JPO; DERWENT;			
		156/345.33.ccls. or	IBM_TDB			
	9	156/345.34.ccls. or	_		uiii	
	1	156/345.35.ccls. or			4	
	or or other states	156/345.36.ccls. or			· · · · · · · · · · · · · · · · · · ·	
	or and a second	156/345.26.ccls. or			um	
		156/345.51.ccls.) or				
	9	(137/262-264.ccls. or			***************************************	
	0	137/454.2 or 137/560.ccls.			······	
	9	or 137/561r.ccls. or			ш	
	9	137/561a.ccls. or 137/571-				
		576.ccls. or 137/590.ccls. or			····	
	***************************************	137/594-596.ccls. or			unuu	
	on and	137/599.01.ccls. or				
	annon .	137/599.01.ccls. or				
	on and	1.8				
	orano.	137/602.ccls.) or (141/285- 286.ccls. or 141/37.ccls. or			un u	
	anno a					
	annon .	141/44-47.ccls. or 141/54.				
	annon .	ccls. or 141/301-302.ccls.				
		or 141/367.ccls.) or				
		(261/127.ccls. or 261/131.		•		
	annon .	ccls. or 261/146-147.ccls.				
		or 261/150.ccls.) or (261/19-				
	anno a	22.ccls. or 261/23.1.ccls. or				
		261/40.ccls. or 261/42.ccls.				
	anna a	or 261/62-63.ccls.) or				
	anna a	(261/64.1.ccls. or 261/65.				
		ccls. or 261/75-76.ccls. or				
	or or other states	261/94-96.ccls. or 261/100-				
		102.ccls. or 261/105.ccls. or			11111	
	and the second	261/108-109.ccls. or			um	
	and the second	261/113.ccls. or 261/114.1.			ann a	
	anna a	ccls.)) and (((ald or cvd)				
	and the second	and deposit\$3 and (valve			uuu.	
	and the second	same wall)) or (((gate or				
	and the second	door) same (gas and			· · · · · · · · · · · · · · · · · · ·	
	or and a second	spring)) and (ald or cvd)			· · · · · · · · · · · · · · · · · · ·	
	on and	and deposit\$3 not (((valve			un u	
		same actuator) and		•		
		(118/715.ccls. or				
	anna a	156/345.33.ccls.)) or (((ald				
	anna a	or cvd) and deposit\$3 and				
	and the second	((valve and actuator) same				
	or or other states	wall)) not ((valve same			on and	
	out of the second	actuator) and (118/715.ccls.			nnan .	
	and the second	or 156/345.33.ccls.)))) or			u	
	unum.	((wall with "pinch valve")			mun.	
	anno anno anno anno anno anno anno anno	and deposit\$3) or ((wall				
	· ·	with "pinch valve") and				
		(reactor or chamber or		mm.		
		vessel or tank) not ((wall				
		with "pinch valve") and				
		deposit\$3)))				
	į	(αεροστφο)))	1	1	8	

S120	0	(((gate or door) with (gas	US-PGPUB;	OR	ON	2005/07/24
-		and spring)) and (ald or	USPAT; EPO;		num.	14:45
		cvd) not (((valve same	JPO; DERWENT;			
		actuator) and (118/715.ccls.	IBM_TDB			
		or 156/345.33.ccls.)) or	_		ıııııı	
		(((ald or cvd) and deposit\$3				
		and ((valve and actuator)				
		same wall)) not ((valve			,,,,,,	
		same actuator) and				
		(118/715.ccls. or				
		156/345.33.ccls.))) or				
		(((gate or door) same (gas			·······	
		and spring)) and (ald or				
		cvd) and deposit\$3 not				
		(((valve same actuator) and				
		(118/715.ccls. or			mmu	
		156/345.33.ccls.)) or (((ald			umu	
		or cvd) and deposit\$3 and			annin	
		((valve and actuator) same				
	-	wall)) not ((valve same			nnn.	
		actuator) and (118/715.ccls.				
		or 156/345.33.ccls.)))) or				
		((actuator same (gas and			,,,,,,,	
		wall)) and (ald or cvd) and			,,,,,,	
		deposit\$3 not (((valve same				
		actuator) and (118/715.ccls.				
		or 156/345.33.ccls.)) or			-	
		(((ald or cvd) and deposit\$3			unuu	
		and ((valve and actuator)			······	
		same wall)) not ((valve			annin	
		same actuator) and				
		(118/715.ccls. or			"	
		156/345.33.ccls.))) or				
		(((gate or door) same (gas			annin	
		and spring)) and (ald or				
		cvd) and deposit\$3 not			"	
		(((valve same actuator) and				
		(118/715.ccls. or			annin	
		156/345.33.ccls.)) or (((ald				
		or cvd) and deposit\$3 and			"	
		((valve and actuator) same				
		wall)) not ((valve same				
		actuator) and (118/715.ccls.			,,,,,,	
		or 156/345.33.ccls.)))))))))				
		and ((valve and wall and				
		(deposit\$4 or etch\$4)) and				
		(((118/715.ccls. or 118/728.			,,,,,,	
		cels. or 118/50.cels. or				
		156/345.29.ccls. or				
	****	156/345.33.ccls. or			umur	
		156/345.34.ccls. or			umur	
	***************************************	156/345.35.ccls. or			umu.	
		156/345.36.ccls. or		***************************************		
	*****	156/345.26.ccls. or			num	
		156/345.51.ccls.) or			uuu.	
		(137/262-264.ccls. or			mm.	
	1	137/454.2 or 137/560.ccls.				

		or 137/561r.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54. ccls. or 141/367.ccls.) or (261/127.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls.		титититититититититититититититититити		nanananananananananananananananananana
		or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1. ccls.)) and (((ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same		тининининининининининининининининининин		
		wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)))))				
S121	2	(("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	USPAT; USOCR	OR	OFF	2005/07/24 14:45
122	1	("5885358").PN.	USPAT; USOCR	OR	OFF	2005/07/24 14:45
123	6	(("5002928") or ("5853484") or ("5002928") or ("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 14:45

S124	2	us-20020129768-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S125	11	(("6,228,563") or ("6,333,268") or ("4,872.947") or ("5,000,113") or ("5,362,526") or ("20030045098") or ("20020155632")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 14:45
S126	2	("4872947").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 14:45
S127	19	(("5,522,934") or ("5,620,523") or ("5,772,771") or ("6,132,552") or ("6,294,026") or ("6,453,992") or ("5,792,272") or ("20030033980") or ("20040144310")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 14:45
S128	2	("5,002,928").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 14:45
S129	181	RTP.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S130	540	(valve and wall and (deposit \$4 or etch\$4)) and (((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/590.ccls. or 137/599.01.ccls. or 137/599.01.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/54.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24

		ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131. ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/42.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1. ccls.)) and (((ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3))))				
S131	4	(("5951771") or ("5221449")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 14:45
S132	225	NGUYEN-ANH-N.in. or CHIAO-STEVE-H.in. or YUAN-XIAOXIONG.in. or LEI-LAWRENCE-CHUNG-LAI.in. or XI-MING.in. or YANG-MICHAEL-X.in. or SEUTTER-SEAN-M.in. or ITOH-TOSHIO.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
S133	108	S132 and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45

S134	290	("20010000866"	US-PGPUB;	OR	ON	2005/07/24
	***************************************	"20010002280"	USPAT; USOCR			14:46
		"20010009140"			1	
		"20010009695" l				
		"20010011526"				
		"20010021589" l				
		"20010024387" l				
		"20010025979"				
		"20010028924"			num H	
		"20010029094"				
		"20010029891"			i	
		"20010025651"				
		"20010034123"				
		"200100311250"				
		"20010041230"			1	
		"20010042799"				
		"20010054730" l				
		"20010054769" l			· · · · · · · · · · · · · · · · · · ·	
	***************************************	"20020000598" I				
	***************************************	"20020000398" "20020004293"				
	***************************************	"20020004293 "20020005556"			······································	
		"20020003330" "20020007790"				
		"20020007790"				
		"20020008297"				
		"20020014047" "20020015790"				
		2				
		"20020016084" "20020019121"				
		•			nun	
		"20020020869" "20020021544"			· · · · · · · · · · · · · · · · · · ·	
		"20020021544"			-	
		"20020029092"				
		"20020037630" "20020041031"				
		"20020041931"				
		"20020043666"				
		"20020047151" "20020049635"				
		"20020048635" "200200488880"			nuu.	
		"20020048880" I			111111	
		"20020052097"				
		"20020055235" "20020061612"				
		"20020061612"				
		"20020064970"				
		"20020068458" "20020073024"			· · · · · · · · · · · · · · · · · · ·	
		"20020073924"			num I	
	-	"20020074588" I			1	
		"20020076481"			i	
		"20020076507" I				
		"20020076508" "20020076837"				
	***************************************	"20020076837" I	***************************************			
		"20020081826"				
		"20020081844"			111111	
		"20020090829"			num.	
		"20020093046"			num.	
		"20020093781"				
		"20020094689"			num.	
		"20020098627" l			nnin.	
		"20020104481"			num.	
		"20020105088" l				
		"20020106536" l				

"20020106846" "20020117399" "20020117399" "20020135071" "20020144655" "20020144655" "200201466511" "200201465511" "200201465511" "20020151152" "200201515379" "20020153579" "20020153579" "20020153579" "200201535722" "20020164421" "20020164423" "20020164423" "20020164726" "20020187320" "20020187321" "20020187321" "2003013320" "2003013320" "2003013320" "20030015764" "20030015764" "20030015281" "20030015764" "200300052281" "20030005296" "20030005296" "20030005296" "20030005296" "20030005296" "20030005296" "20030005296" "20030005296" "20030082300" "4058430" "4486487" "4413022" "4486487" "4413022" "4486487" "4838431", P.N. OR (*4838983" "4889903" "4849021" "4889021" "489035" "4889021" "489031" "4889021" "489031" "4889021" "4991352" "4895061" "9013083" "5085658" "5013083" "5085658" "5013083" "5085658" "5013083" "5085658" "5082798" "5085058" "5082798" "5085058" "5082798" "5085058" "5082798" "5085058" "5082798" "5085058" "5082798" "5085069" "5256636" "5256044" "5258438" "52526044" "5258438" "52526044" "5258438" "5270244" "5258438" "5270244" "5258438" "5270244" "5258438" "5282600"	36 36			e	
"20020117499" "20020121697" "2002013507" "20020144657" "2002014657" "20020146581" "200201465893" "20020151152" "20020153797" "20020153797" "20020153797" "200201575722" "20020162506" "20020164421" "20020164421" "20020164421" "200201647631" "20020187256" "20020187256" "20020187631" "20020187631" "20020187631" "2003001320" "2003001320" "20030012581 "20030012581 "20030002281 "20030002281 "20030002281 "20030002281 "20030002281 "20030002281 "20030002281 "20030082300" "20030082300" "4058430" "4486487" "4413022" "4486487" "4413022" "4486487" "4413021" "486632" "483883") P.N. OR ("44838983" "4889993" "4861417" "4876218" "4917556" "4899627" "4861417" "4876218" "4917556" "4927670" "4993357" "4955601" "4903522" "4935357" "5006113" "500720" "510069" "5160692" "5173474" "5186718" "5250244" "52524207" "5256244" "52524207" "5256244" "5252881" "5291647" "5278435" "5281274"		\$			
"20020121697" "20020144655" "20020144655" "20020146511" "20020146895" "20020156115" "20020153359" "20020153572" "20020155722" "20020155722" "20020165722" "20020164421" "20020164423" "20020164423" "20020164728" "2002018726" "2002018726" "2002018726" "2002018726" "20020187631" "2003015764" "20030015764" "30030015764" "30030015764" "30030015764" "30030015764" "400300015764" "400300015764" "4003000000577 "4003000000577 "4003000000577	***************************************	"20020109168" l			
"20020144655" "20020144657" "2002014651" "2002014655" "2002015155" "20020155359" "20020153579" "20020155722" "2002016536" "20020165206" "2002016421" "2002016421" "2002016423" "2002018736" "2002018736" "20020187361" "20020187361" "20020197402" "20030013320" "20030013320" "20030015764" "20030015764" "20030015764" "20030012281" "20030012281" "20030042630" "20030042630" "20030042630" "20030042630" "20030042630" "20030042630" "20030042630" "20030082296" "20030082296" "20030082296" "20030082290" "4858465" "4859052" "4813846" "4829022" "4813846" "4829022" "4858483") N. OR ("4838983" "4849021" "4856652" "4859652" "4859667" "4859652" "4859667" "4859652" "4859667" "4859652" "4859667" "4859652" "4859667" "4859652" "4859667" "4961137" "5001138" "5013683" "5028565" "5001320" "5130269" "5166092" "51532609" "5166092" "51532609" "51586718" "5256244" "5259881" "5281274"		"20020117399"			-
"20020144655" "2002014651" "20020146595" "2002015572" "2002015572" "20020155752" "20020162506" "20020162506" "2002016421" "2002016423" "20020177282" "20020187236" "20020187236" "20020187236" "20020187236" "20020187236" "20020187236" "20020187236" "20020187236" "20030013320" "20030013320" "20030015764" "20030015764" "20030015764" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052296" "200300052296" "200300052296" "4058430" "438903" "4413022" "4486487" "44767494" "4806321" "4813846" "4489022" "483883" "488893" "4848021" "485025" "485025" "485042" "485025" "485042" "485025" "497670" "490115" "4976218" "490115" "4976218" "490137" "500113" "5013683" "5008565" "5082798" "5080885" "501320" "5130269" "5166092" "5130269" "5166092" "5130269" "5166092" "5130269" "5262366" "5234161" "52546356" "5234561" "52546356" "5230471 "52526381" "52000771 "52526381" "52000771 "52526381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52000771 "52528381" "52001474" "5253851" "52001474" "5253851" "52001474"		"20020121697"			
"20020144657" "2002014651" "2002015152" "20020155722" "20020155722" "20020162506" "20020162506" "2002016421" "2002016421" "2002016423" "20020187256" "20020187256" "20020187256" "20020187256" "20020187256" "20020197402" "20030013320" "20030013320" "20030013220" "20030013220" "20030013220" "20030013220" "20030013220" "20030013220" "20030013220" "200300132281 "20030042961 "2003006057" "2003006057" "2003006057" "20030072975" "20030082296" "20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "4413022" "4486987" "4813846" "4829022" "883881" "NN OR ("4838983" "4838993" "4849021" "484909" "4859625" "4859627" "4810117" "4876218" "4903727" "497670" "493132" "497600" "493132" "497600" "493132" "497600" "493132" "497600" "493132" "497600" "493132" "5173474" "5186718" "5205077" "5225366" "5234561" "5246356" "5235624" "5259881" "5250624" "5259881" "5250624" "5259881" "5250817" "5278435" "5281274"		"20020135071"			
"20020146851" "2002015152" "20020153579" "20020163579" "20020162506" "2002016423" "20020164423" "20020177282" "200201873320" "200201873320" "20020187321" "20020187321" "20030013320" "20030013744" "20030015744" "20030015744" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "4058430"1"4889933" "4486921"1"4886321" "48138381"1"4888903" "48138386"1"4888903" "48138881"]"4888903" "4840921"1"4845091" "4850625" "4850627" "4850625" "4850627" "4850625" "4850627" "493135" 1"50050555" "50013683" 1"50055655" "50013697" 1"5153607" "5166092" 1"5130609" "5160092" 1"5130609" "5160092" 1"5130609" "5160092" 1"5130609" "52506361" 1"5250644" "5259881" 1"5250644" "5259881" 1"5250614" "52584551" 1"5250614" "52584551" 1"5250614" "52584551" 1"5250614" "52584551" 1"5250614" "52584551" 1"5250614" "52584551" 1"5250614" "52584551" 1"5250614" "525881" 1"5250614" "525881" 1"5250614" "525881" 1"5250614" "525881" 1"5250614" "525881" 1"5250614"		"20020144655" l			
"20020146851" "2002015152" "20020153579" "20020163579" "20020162506" "2002016423" "20020164423" "20020177282" "200201873320" "200201873320" "20020187321" "20020187321" "20030013320" "20030013744" "20030015744" "20030015744" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "200300052281" "4058430"1"4889933" "4486921"1"4886321" "48138381"1"4888903" "48138386"1"4888903" "48138881"]"4888903" "4840921"1"4845091" "4850625" "4850627" "4850625" "4850627" "4850625" "4850627" "493135" 1"50050555" "50013683" 1"50055655" "50013697" 1"5153607" "5166092" 1"5130609" "5160092" 1"5130609" "5160092" 1"5130609" "5160092" 1"5130609" "52506361" 1"5250644" "5259881" 1"5250644" "5259881" 1"5250614" "52584551" 1"5250614" "52584551" 1"5250614" "52584551" 1"5250614" "52584551" 1"5250614" "52584551" 1"5250614" "52584551" 1"5250614" "52584551" 1"5250614" "525881" 1"5250614" "525881" 1"5250614" "525881" 1"5250614" "525881" 1"5250614" "525881" 1"5250614"		"20020144657"			-
"20020146895" "200201537572" "200201557522" "20020165366" "20020164421" "20020164421" "20020164423" "20020187286" "20020187286" "2002018730" "20020187631" "20020187631" "20020187631" "2003001320" "2003001320" "2003001320" "2003001320" "2003001320" "2003001230" "20030032281" "20030042730" "20030042730" "20030042730" "20030042942" "20030082296" "20030082296" "20030082296" "4058430" "4389973" "4413022" "4486487" "4767494" "4866321" "4813846" "4859022" "4838883" "4838993" "48489625" "4838993" "484021" "4838993" "4861417" "4876218" "490132" "4957252" "4903357" "5000113" "5013683" "50825865" "5082798" "5085885" "5091320" "5130269" "5186092" "5130269" "5225366" "5234361" "5225366" "5234361" "5225366" "5234361" "5225366" "5234361" "5225366" "5234361" "5225366" "5234361" "5225366" "5234361" "5225366" "5234361" "5225366" "5234361" "5225366" "5234361" "5225366" "5234361" "5225366" "5234361" "5225366" "5234361" "5225366" "5234361" "5225366" "523451" "5225366" "5234561" "5225366" "5234561" "5225366" "5234561" "5225366" "5234561" "5225366" "5234561" "5225366" "5234561" "5225366" "5234561" "5225366" "5234561" "5225366" "5234561" "5225366" "5234561" "5225366" "5234561" "5225366" "5226244" "5225366" "5226244" "5225881" "5226244" "5225881" "5226244" "5225881" "5226244" "5225881" "5226244" "5225881" "5226241" "5225881"					
"20020151152" "20020163579" "20020163506" "20020164423" "20020164423" "20020164423" "2002017282" "2002017282" "20020187256" "20020187256" "20020187256" "20020187631" "20020187631" "20030015764" "20030015764" "20030015764" "20030031807" "20030042630" "20030042630" "20030042942" "20030042942" "2003006057" "20030082296" "20030082296" "20030082296" "20030082300" "44543431",PN. OR ("438983" "438993" "4484831",PN. OR ("438983" "438993" "4840921" "4845049" "4850625" "4859627" "4850625" "4859627" "4850625" "4859627" "4850625" "4859627" "4861417" "487618" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "501320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234361" "5524636" "52245614" "5525881" "5205077" "5225366" "52345614" "5525881" "5205077" "5225366" "52345614" "5525881" "5202077" "5225366" "5234561" "5525881" "5202077" "5225366" "5234561" "5525881" "5202077" "5225366" "5234561" "5525881" "5202077" "5225366" "5234561" "5525881" "5202077" "5225366" "5234561" "5525881" "5202077" "5225366" "5234561" "5525881" "5202077" "5225366" "523461" "5255881" "5202077" "5225366" "5224674" "5525881" "5202077" "5225366" "522147"					-
"20020153579" "20020164421" "20020164421" "20020164423" "2002017282" "20020187250" "2002018726" "2002018726" "2002018726" "2002018731" "2002018731" "20020197402" "2003013320" "20030013320" "20030013320" "20030013220" "20030013220" "20030032281" "20030042630" "20030042630" "20030042630" "2003006957" "20030072975" "20030082296" "20030082296" "20030082296" "408430" "4389973" "4413022" "4486487" "4767494" "4866321" "4813846" "4829022" "483883" "4838993" "48489025" "4859627" "483898" "483993" "4849021" "4861417" "476756" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5082565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234361" "525407" "55266244" "55278435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147" "52578435" "520147"		: 3			
"20020165722" "20020164421" "20020164421" "20020182330" "20020187256" "20020187236" "2002018731" "20020197402" "20030013502" "20030013502" "20030015764" "20030015764" "20030015764" "20030015764" "20030042630" "20030042630" "20030042630" "20030049942" "20030049942" "20030082296" "20030082296" "200308220" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "483883" "4838993" "4813848" "4885962" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4975522" "493357" "5000113" "5018638" "5285658" "501200" "5130269" "5166718" "5226567" "5258636" "5250148" "5254207" "5256244" "5258636" "5250148" "5254207" "5256244" "525881" "5281274"		3			
"20020164421" "20020164423" "2002017282" "20020187256" "20020187256" "20020187256" "20020187320" "20030013320" "20030013320" "20030013320" "200300135764" "200300135764" "20030015764" "20030042630" "20030042630" "20030042630" "20030042630" "20030060057" "20030062005" "20030082206" "20030082206" "20030082206" "4038430" "4389973" "441302" "4486487" "441302" "4488931" "44313846" "4850402" "4838431",PN. OR ("4838983" "4838993" "4840921" "485040" "4839021" "485040" "485025" "489627" "4861417" "4876218" "4917556" "4927670" "493132" "4951601" "493357" "500113" "9033883" "5028565" "5082798" "5088888" "5091320" "5173474" "5186718" "5226567" "5252566" "5256444" "52525661" "5256244" "5258851" "5281274"		: 5			
"20020164421" "20020177282" "20020187320" "20020187256" "20020187631" "20020187631" "2003001320" "20030013764" "20030015764" "2003002281" "2003002281" "20030042630" "20030042630" "20030042630" "20030042942" "20030042942" "20030082296" "20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "4834831").PN. OR ("4338983" "438993" "4840921" "4485049" "485625" "4829622" "481072" "485621" "4861417" "4876218" "491132" "49566" "4937556" "4927670" "4960720" "4975252" "4993357" "5000113" "501683" "5028568" "501320" "5133474" "5186718" "5205077" "5255366" "5256244" "525881" "5256244" "525881" "5256244" "525885" "5258047" "5258435" "5258427"		\$			
"20020164423" "20020187256" "20020187256" "20020187356" "20020197402" "20030013320" "20030013320" "20030013320" "20030031807" "20030032281" "20030042630" "20030049942" "2003006057" "20030062296" "20030082296" "20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4838431").PN. OR ("4838983" "4838993" "4840921" "485621" "48461417" "4876218" "4917556" "4927670" "4931132" "4951601" "4993357" "5085888" "501320" "5130269" "5186718" "5205077" "52525366" "5253456" "58252988" "5285654" "5252566" "525644" "5258435" "5256244" "5258435" "5256244" "5258435" "5256244" "5259881" "5256244" "5258435" "5256244" "5258435" "5256244" "5258435" "528637"		\$			
"20020187256" "20020187256" "20020187256" "20020187256" "20020197402" "20030013320" "20030013520" "20030015764" "20030032281" "20030042630" "200300429042" "20030069942" "2003006290" "2003008290" "20030082296" "20030082296" "20030082290" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "4834831",PN. OR (('4838983" "4859027" "4859625" "4859627" "4861417" "4876218" "491323" "4951601" "4960720" "4975252" "493132" "4951601" "4960720" "4975252" "493132" "5085885" "5082798" "5085885" "5082798" "5085885" "5082798" "5085865" "5082798" "5085885" "5082798" "5085885" "5186718" "5205077" "52542656" "5256244" "52524207" "5250644" "5252407" "5250644" "5252407" "5250644" "52528435" "520147" "5252881" "5250147"					
"20020187256" "20020187631" "20020197402" "20030013320" "20030015764" "20030015764" "20030031807" "20030042630" "20030042630" "20030049942" "20030060057" "20030060057" "20030082296" "20030082300" "4413022" "4486487" "44767494" "4806321" "4413022" "4486487" "44767494" "4806321" "4834831").PN. OR ("4838983" "4838993" "4841417" "48369321" "4841417" "48369321" "4859625" "4876218" "493132" "491556" "4927670" "4931132" "4975252" "4960720" "4975252" "4960720" "4975252" "4960720" "4975252" "4960720" "4975252" "4960720" "516002" "516002" "5173474" "5186718" "5208565" "5082798" "5085885" "5091320" "5130269" "5160521" "5173474" "5186718" "5205077" "52525366" "5250148" "5254207" "5256244" "5254207" "5256244" "52529881" "5250147" "5254207" "5256244" "52529881" "5250147"		3			
"20020187256" "20020197402" "20030013320" "20030013764" "20030015764" "20030032281" "20030042630" "20030042630" "20030042942" "2003006057" "20030062296" "20030082296" "20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "44767494" "4866321" "4813846" "4829022" "4834831").PN. OR ("4838983" "4838993" "4840921" "4854049" "4859625" "485627" "4861417" "4876218" "4931132" "4951601" "4960720" "4975252" "4931132" "5028365" "5082798" "5082865" "5082798" "5082865" "5082798" "5082565" "5186718" "5252047" "5252636" "5250148" "52524636" "5250148" "525284207" "52526244" "52578435" "5250247" "5278435" "5250247" "5278435" "5250247" "5278435" "5250247" "5278435" "5250247" "5278435" "5250247" "5278435" "5250247"		3			
"20020187631" "20020197402" "20030013320" "20030013764" "20030031807" "20030032281" "20030042630" "20030049942" "20030060057" "20030072975" "20030082300" "4058430" "4389973" "4413022" "4486487" "4413022" "4486487" "4413022" "4486487" "44813846" "4806321" "4813846" "4829022" "4813846" "4829022" "4843831"),PN. OR ("4838983" "4838993" "4840921" "485625" "4860417" "485621" "4860417" "485621" "490720" "4975252" "4993357" "500113" "4993357" "500113" "5013683" "5085865" "5082798" "5085865" "5082798" "5085865" "5166092" "5173474" "5186718" "525077" "5225366" "52534561" "5246536" "5250148" "5254207" "5252044" "52578435" "5250247" "52578435" "5250247" "52578435" "5250247" "52578435" "5250247" "52578435" "5250247" "52578435" "5250247"		: 8			
"20020197402" "20030013320" "20030015764" "20030032281" "20030042630" "20030042630" "20030049942" "20030060057" "20030082296" "20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "4413022" "4486487" "4413022" "4486487" "4413022" "4486487" "4813846" "4829022" "4834831").PN. OR ("4838983" "4838993" "4843983" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4993357" "5008565" "5082798" "5085855" "5082798" "5085855" "5186718" "5253461" "5186718" "52534561" "5252366" "52534451" "52524207" "5252044" "52578435" "5250247" "52578435" "5250247" "5278435" "5250247" "5278435" "5250247" "5278435" "5250247" "5278435" "5250247"		\$: S			-
"20030013320" "20030015764" "20030031807" "20030032281" "20030049942" "20030049942" "20030060057" "20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "48134846" "4899022" "4834831").PN. OR ("4838983" "4838993" "4840921" "4845049" "4859625" "4850627" "4859625" "4850627" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "50085885" "5013683" "5085885" "5013663" "525656" "5082798" "5085885" "5091320" "5173474" "5186718" "5205077" "5225366" "5234561" "52546536" "5250148" "52544636" "52545044" "5258481" "5200747" "5278435" "5281274"					
"20030015764" "20030031807" "20030032281" "20030042630" "20030049942" "20030069942" "2003006295" "20030082296" "20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "4834831"),PN. OR ("483893" "4838993" "4849921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5130269" "5166092" "5130269" "5166092" "5130269" "5166718" "5205077" "5225366" "5234561" "5246536" "5250148" "5254207" "5250244" "5258881" "5250147" "5258881" "5270247" "5278435" "5281274"		: 3			
"20030031807" "20030042630" "20030040942" "20030040975" "20030072975" "20030082296" "20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "4834831").PN. OR ((*4838983" "4838993" "4840921" "4845049" "4859625" "485627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "493357" "5000113" "5013683" "5028565" "5082798" "5085885" "509120" "5130269" "51166092" "5173474" "5126636" "5225164" "5225366" "52250148" "5254638" "5250148" "5254638" "5250147" "5278435" "5270247" "5278435" "5270247" "5278435" "5270247" "5278435" "5270247" "5278435" "5270247"					
"20030032281" "20030042630" "20030049942" "20030060057" "20030072975" "20030082206" "20030082300" "4058430" "4389973" "4413022" "4486487" "44767494" "4866321" "4813846" "4829022" "4834831").PN. OR ("4838983" "4838993" "4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5008133" "5013683" "5088565" "5091320" "5130269" "51166092" "5173474" "51186718" "5205077" "5225366" "5234561" "52546536" "5250148" "52546536" "5250244" "52559881" "5270247" "5278435" "5270247" "5278435" "5270247" "5278435" "5270247" "5278435" "5270247" "5278435" "5270247" "5278435" "5270247"		: 8			
"20030042630" "200300409942" "20030060057" "20030072975" "20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "4838983" "4838993" "4840921" "4845049" "4859625" "4859627" "4859625" "4859627" "481132" "4876218" "4917556" "4927670" "4931132" "4957600" "4933357" "5000113" "5013683" "508565" "5082798" "5085885" "5091320" "5173474" "5166092" "5173474" "51246336" "5225148" "52548207" "5256244" "5259881" "5270247" "5278435" "5270247" "5278435" "5270247"		"20030031807"			
"20030049942" "2003006057" "20030072975" "20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "4838983" "4839993" "4838983" "4839993" "4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "50085855" "5013683" "5085855" "501368798" "5085885" "5166092" "5173474" "5186718" "5205077" "52246536" "52250148" "52548207" "5256244" "5259881" "5270247" "5278435" "5270247" "5278435" "5270247" "5278435" "5270247" "5278435" "5270247" "5278435" "5270247" "5278435" "5270247"		"20030032281"			
"20030060057" "20030072975" "20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "4834831").PN. OR ("4838983" "4838993" "4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4931132" "4951601" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5091320" "5130269" "5166092" "5173474" "5246536" "5224561" "52245656" "52556244" "5259881" "5256244" "5259881" "5278024"		"20030042630" l			-
"20030072975" "20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "4834831").PN. OR ("4838983" "4838993" "4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "492760" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5091320" "5130269" "5166092" "5173474" "5186718" "5250777" "5225366" "5250148" "52544207" "5256244" "5259881" "52570247" "5278435" "5281274"		"20030049942" l			
"20030082296" "20030082300" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "4834831").PN. OR (("4838983" "4838993" "4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "52250148" "5225366" "5234561" "5246536" "52251644" "5259881" "5270247" "5259881" "5270247" "5259881" "5270247"		"20030060057" l			
"20030082300" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "4834831").PN. OR (("4838983" "4838993" "4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "52546536" "5250148" "52546536" "5250148" "5259881" "520247" "5252881" "5270247" "5278435" "5281274"		"20030072975"			
"20030082300" "4058430" "4389973" "4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "4834831").PN. OR (("4838983" "4838993" "4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "52546536" "5250148" "52546536" "5250148" "5259881" "520247" "5252881" "5270247" "5278435" "5281274"		\$			
"4058430" "4389973" "4413022" "4486487" "4767494" "4820321" "4813846" "4829022" "4834831").PN. OR ("4838983" "4838993" "4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4975252" "4993357" "5000113" "490720" "4975252" "4993357" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5235611 "52246536" "5235077" "525246536" "52350148" "5259881" "5276244" "5259881" "5270247" "5278435" "5281274"		\$: S			
"4413022" "4486487" "4767494" "4806321" "4813846" "4829022" "4834831").PN. OR ("4838983" "4838993" "4840921" "4859627" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5259881" "5250247" "5278435" "5281274"					
"4767494" "4806321" "4813846" "4829022" "4834831").PN. OR ("4838983" "4838993" "4849921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "522534561" "5225366" "52344561" "5225366" "5250424" "5259881" "5270247" "5278435" "5270247"					
"4813846" "4829022" "4834831").PN. OR ("4838983" "4838993" "4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5259881" "5250247" "5278435" "5281274"		: 3			
"4834831").PN. OR ("4838983" "4838993" "4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5259881" "5270247" "5278435" "5281274"					
("4838983" "4838993" "4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5259881" "5250247" "5278435" "5270247"		:			
"4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5259881" "5270247" "5278435" "5281274"					
"4859625" "4859627" "4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5259881" "5250247" "5278435" "5270247"		\$ *			
"4861417" "4876218" "4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5259881" "5270247" "5278435" "5281274"		3			
"4917556" "4927670" "4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5254207" "5256244" "5259881" "5270247" "5278435" "5281274"		:			
"4931132" "4951601" "4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5254407" "5256244" "5259881" "5270247" "5278435" "5281274"		: 4			
"4960720" "4975252" "4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5254207" "5256244" "5259881" "5270247" "5278435" "5281274"		: 5			
"4993357" "5000113" "5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5246536" "5250148" "5254207" "5256244" "5259881" "5270247" "5278435" "5281274"					
"5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5254207" "5256244" "5259881" "5270247" "5278435" "5281274"					
"5082798" "50858885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5254207" "5256244" "5259881" "5270247" "5278435" "5281274"		: 3			
"5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5254207" "5256244" "5259881" "5270247" "5278435" "5281274"		: 8			
"5166092" "5173474" "5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5254207" "5256244" "5259881" "5270247" "5278435" "5281274"		:			-
"5186718" "5205077" "5225366" "5234561" "5246536" "5250148" "5254207" "5256244" "5259881" "5270247" "5278435" "5281274"		\$: S			
"5225366" "5234561" "5246536" "5250148" "5254207" "5256244" "5259881" "5270247" "5278435" "5281274"					
"5246536" "5250148" "5254207" "5256244" "5259881" "5270247" "5278435" "5281274"					
"5254207" "5256244" "5259881" "5270247" "5278435" "5281274"		"5225366" "5234561"			
"5259881" "5270247" "5278435" "5281274"		3			
"5278435" "5281274"		"5254207" "5256244"			
		"5259881" "5270247"			
		"5278435" "5281274"			
3 3200270 1 3270007 1 3		"5286296" "5290609"			
"5290748" "5294286"					
"5296403" "5300186"		3			
"5306666" "5311055"		: 8			***************************************
			***	}	Š

	§"5316615" "5316793"			
	"5330610" "5336324"			
	"5338389" "5348911"			
	*"5374570" "5395791"			
	"5438952" "5439876"			
	"5441703" "5443033"			
	3			
	"5443647" "5455072"			
	"5458084" "5469806"			
	"5480818" "5483919"			
	<u>"5484664" "5503875" </u>			
	"5521126" "5526244"			
	"5527733" "5532511"			
	["5540783" "5580380"			
	"5601651" "5609689"			
	<u>"5616181" "5637530" </u>			
	"5641984" "5644128"			
	"5667592" "5674786"			
	"5693139" "5695564"			
	"5705224" "5707880"			
	"5711811" "5730801"			
	"5730802" "5747113"			
	"5749974" "5788447"			
	"5788799" "5796116"			
	"5801634" "5807792"			
	"5830270" "5835677"			
	\$			
	"5851849" "5855675"			
	"5855680" "5856219"			
	"5858102" "5866213"			
	"5866795" "5879459"			
	["5882165" "5882413"			
	"5904565" "5916365"			
	["5923056" "5923985"			
	"5925574" "5928389"			
	"5942040" "5947710"			
	"5972430" "6001669"			
	"6013553" "6015590"			
	"6015917" "6020243"			
	"6025627" "6036773"			
	"6042652" "6043177"			
	"6051286" "6062798"			
	"6071808").PN. OR			
	("6084302" "6086677"			
	["6110556" "6113977"			
	["6117244" "6124158"			
	"6130147" "6139700"			
	"6140237" "6140238"			
	"6143659" "6144060"			
	"6158446" "6174377"			
	\$			
	"6174809" "6197683" "6200802" "6202612"		***************************************	
	"6200893" "6203613"			
	"6206967" "6207302"			
	"6207487" "6238734"			
	"6248605" "6270572"			
	"6271148" "6284646"			
	"6287965" "6291283"			
	"6291876" "6297539"			
	"6299294" "6305314"			
18	§	}	1	\$!

		"6306216" "6316098" "6333260" "6342277" "6348376" "6348386" "6355561" "6358829" "6368954" "6369430" "6372598" "6379748" "6391785" "6391803" "6395650" "6399491" "6416577" "6416822" "6420189" "6420279" "6423619" "6428859" "6447933" "6451119" "6451695" "6452229" "6458701" "6468924" "6475276" "6475910" "6482262" "6482733" "6511539" "6534395" "6548424").PN. OR ("6846516").URPN.			онинининининининининининининининининини	
S135	4047	S75 and ((valve near/2 seat) with (chamber or reactor))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:54
S136	7	S75 and ((pinch adj1 valve) with (chamber or reactor))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:58
S137	42	S75 and (pinch adj1 valve) not S136	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 15:00
S138	747	S75 and (valve with (seat and wall))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 15:01
S139	41	S138 and (wafer or substrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 15:14
S140	2	"20030116087"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2005/07/24 15:17
S141	2	"6916398".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2005/07/24 15:17

· · · · · · · · · · · · · · · · · · ·						
S142	386	("20010000866"	US-PGPUB;	OR	ON	2005/07/24
*******		"20010002280" l	USPAT; USOCR			15:36
		"20010009140"				
		"20010009695" l				
***************************************		"20010011526" l				***************************************
*******	-	"20010013312" l				·
******		"20010014371"		·····		
		"20010024387" I		uuun		
		"20010025979" l		11111		
		"20010028924"				
******		"20010029094"		uuun		
		"20010031562"				
		"20010034123"			-	
		"20010041250" l			nuu.	
		"20010042523" I			11111	
		"20010042799" I				
		"20010054377" I				
		"20010054730" l				
	***************************************	"20010054769" l	****		•	
	***************************************	"20020000196"				***************************************
*******	-	"20020000598"				v
***************************************		"20020000393" I				***************************************
		"20020007790"				
		"20020007790"			•	
		"20020019121"		1		
***************************************		"20020020007"		· · · · · · · · · · · · · · · · · · ·	i	
		"20020021344"				
		"20020037630"				
		"20020037030 T		·····		
		"20020041931 "20020048635"		uu uu		
1		"20020048880" "20020052007"				
		"20020052097"				
		"20020055235"			-	
		"20020060363"				
		"20020061612"			nuu.	
		"20020066411"			11111	
		"20020068458"				
*******	***************************************	"20020073924"			•	
***************************************	***************************************	"20020076481"			•	
		"20020076507"	****		•	
		"20020076508"				***************************************
******		"20020076837"				
	***************************************	"20020086106"				
*******		"20020086111"				
		"20020086507" l				
		"20020090829"			-	
		"20020092471" l			1	
*******		"20020094689"				
		"20020098627" l				
		"20020104481" l				
		"20020105088"	***************************************			
********		"20020106536" l				
		"20020106846" l				
		"20020108570" l				
		"20020109168"				
***************************************		"20020117399"	***			***************************************
*******		"20020121241" I			anna.	
3.5	3	: \$: §	: \$	13	: \$

_			_	
"20020121342" l				į
"20020127336" l				
"20020127745"		, , , , , , , , , , , , , , , , , , ,		
"20020134307"				
"20020144655"				
"20020144657" l		anna a		
"20020144037" "20020146511"				į
"20020155722"		anna anna anna anna anna anna anna ann		
"20020162506"		m		
"20020164421"		anna a		
"20020164423"				
"20020177282" l				
"20020182320" l		anna a		
"20020187256" l		min		
"20020197402" l		,,,,,,		
"20030004723" I		anna a		į
"20030010451"		anna.		
"20030013320"		anna a		
"20030019428"		mm		
"20030023338"		anna anna anna anna anna anna anna ann		
"20030023336" "20030031807"		anna a		
"20030042630" l				
:				į
"20030049931"				
"20030049942"		,,,,,,		
"20030053799"				į
"20030057526"		anna a		
"20030057527"				
"20030059538" l				į
"20030072913"		anna a		
"20030072975" l				
"20030075273" I				
"20030075925"		mm		į
"20030079686" I		·		
"20030082296" l				
"20030082301"				
"20030082307").PN. OR		anna.		
("20030089308"				
"20030101927"				
"20030104126"				į
"20030104120 "20030106490"		·		
"20030100490" "20030108674"				
"20030108074" "20030113187"		anna a		į
"20030116087"				
"20030121469"				
"20030121608"		mm		
"20030124262"		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
"20030129826"		m		
"20030134508"		anna a		į
"20030140854"				
"20030143747"		unnu		
"20030143839"				
"20030153177"		num		
"20030168750"		num		
"20030172872"		anna a		
"20030173586" l		anna a		
"20030175366"				
"20030190423" l		anna.		
20030170723				

	"20030190804" l					-
	"20030194493"			1		
	"20030198754" l					
	"20030205729"					
	"20030213560"					
	"20030213366 "20030213987"					
	"20030215987" "20030216981"					
	"20030210981" "20030221780"					
	"20030221780 T					
	"20030224578" "20030224600"					
	"20030224600"					
	"20040009307"					
	"20040011404"					
	"20040011504"					
	"20040013577" l					
	"20040014320" l					
	"20040015300"					-
	"20040018304" l					-
	"20040018723" l					
	"20040018747" l					
	"20040033698" l					
	"20040046197" l					
	"3291456" "4058430"					
	"4389973" "4413022"					
	"4486487" "4614639"					
	"4732110" "4761269"					
	"4767494" "4806321"					
	"4813846" "4829022"					
	"4834831" "4838983"					
	"4838993" "4840921"					
	"4845049" "4859625"					
	"4859627" "4861417"					
	"4876218" "4907534"					
	"4917556" "4927670"					
	"4931132" "4951601"					
	"4960720" "4975252"					
	"4987856" "4991542"					
	"4993357" "5000113"					
	"5013683" "5028565"					
	"5082798" "5085885"					
	"5085887" "5091320"					
	"5130269" "5134965"					
	"5166092" "5173474"					
	"5186718" "5204145"					
	"5205077" "5221449"					
	"5224513" "5225366"					
	"5234561" "5246536"					
	"5250148" "5254207"					
	"5256244" "5259881"					
	"5261959" "5264038"					
	"5270247" "5278435"		***************************************	name.		
	"5281274" "5281485"		***************************************			
	"5286296" "5290748"					
	"5294286" "5296403"					
				1		
	"5300186" "5306666"					
	"5311055").PN. OR					
	("5316615" "5316793"					
48 13	18	•	1.4	15	8	: §

	"5330610" "5336324"			
	"5338362" "5338363"			
	"5338364" "5338389"			
	"5348911" "5374570"			
	"5395791" "5438952"			-
	"5439876" "5441703"			
	3			
	"5443033" "5443647" "5455072" "5450004"			-
	"5455072" "5458084"			
	"5469806" "5480818"			
	"5483919" "5484664"			
	["5496410" "5503875"			
	"5521126" "5527733"			
	["5532511" "5540783"			
	"5542452" "5573566"			
	"5580380" "5601651"			
	"5609689" "5616181"			
	"5637530" "5641984"			
	"5643366" "5644128"			
	"5667592" "5674786"			
	"5693139" "5695564"			-
	"5705224" "5707880"			
	"5711811" "5730801"			
	"5730802" "5747113"			
	"5749974" "5788447"			
	"5788799" "5796116"			
	"5801634" "5804488"			
	"5807792" "5830270" "5825677" "5820677"			
	"5835677" "5838677"			
	"5846330" "5851849" "5855675" 1"5855688"			
	"5855675" "5855680"			
	"5856219" "5858102"			
	"5866213" "5866795"			
	["5879459" "5882165"			
	"5882413" "5888303"			
	["5904565" "5916365"			
	["5919332" "5923056"			
	["5923985" "5925574"			
	["5928389" "5942040"			
	["5947710" "5951771"			
	"5972430" "5996528"			
	"6001267" "6001669"			
	"6015590" "6015917"			
	["6025627" "6036773"			
	["6042652" "6043177"			
	"6051286" "6062798"			
	"6066358" "6071808"			
	"6084302" "6086677"			
	"6110556" "6113977"			
	["6117244" "6124158"			
	"6130147" "6139700"			
	"6140237" "6140238"			
	"6143077" "6143659" "6144060" "6158446"			
	"6144060" "6158446" "6174277" "6174800"			
	"6174377" "6174809" "6170020" "6193563"			
	"6179920" "6183563" "6107693" "6200993"			
	"6197683" "6200893" "6202613" "6206067"			
	"6203613" "6206967"			
88 - 83	: \$	\$: 3	s	\$: §

S146	0	("118"/\$.ccls. or "156"/\$. ccls.) and (wafer or substrate) and (connical adj1 valve) and (chamber or reactor or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/24 16:09
S145	7	("118"/\$.ccls. or "156"/\$. ccls.) and (wafer or substrate) and (conical adj1 valve) and (chamber or reactor or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/24 16:09
5144	16	("118"/\$.ccls. or "156"/\$. ccls.) and (wafer or substrate) and microvalve and (chamber or reactor or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/24 16:06
§143	1	"6056823".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/24 15:27
		"6207302" "6207487" "6218298" "6231672" "6248605" "6270572" "6271148" "6284646" "6287965").PN. OR ("6291876" "6302965" "6305314" "6306216" "6316098" "6333260" "6342277" "6348376" "6342277" "6348376" "6355561" "6358829" "6368954" "6369430" "6372598" "6379748" "6391785" "6399491" "6416577" "6416822" "6420189" "6423619" "6428859" "6436193" "6451119" "6451695" "6468924" "6475276" "6475910" "6478872" "6481945" "648262" "6482733" "6482740" "6571539" "6534133" "6574205" "6575705" "6578287" "6579372" "6588823" "6596602" "6690723" "6630030" "6630201" "6632279" "6678287" "667976" "66778762").PN. OR ("6916398").URPN.				2005 (07/04

S147	34	("118"/\$.ccls. or "156"/\$. ccls.) and (wafer or substrate) and (conical with valve) and (chamber or reactor or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/24 16:09
S148	27	("3730134" "4157931" "4201149" "4519846" "4640846" "4889069" "5009185" "5234499"). PN. OR ("5439519"). URPN.	US-PGPUB; USPAT; USOCR	OR	MON	2005/07/24 16:19
S149	2	("20030119328").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 16:20
S150	2	("5225366").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/24 16:20
S151	1	("4,747,367").PN.	USPAT	OR	OFF	2006/03/20 14:17
S152	1	("5,002,928").PN.	USPAT	OR	OFF	2006/03/20 14:17
S153	2	"4,747,367".did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	mon mon	2006/03/20 14:54
S154	8	(("4747367") or ("5002928") or ("4319737") or ("5853484")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:34
S155	14	(US-20030116087-\$ or US-20050139160-\$ or US-20050008779-\$ or US-20030172872-\$ or US-20030190423-\$).did. or (US-6620250-\$ or US-6478923-\$ or US-6224681-\$ or US-6846516-\$ or US-4732124-\$ or US-5033538-\$ or US-5439519-\$ or US-5567267-\$).did.	US-PGPUB; USPAT	OR	won	2007/03/08 10:15
S156	2	("4747367").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 10:19
S157	2	("5002928").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 10:19

S158	2	("4319737").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 10:21
S159	2	("5,853,484").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 10:21
S160	18	(US-20030116087-\$ or US-20050139160-\$ or US-20050008779-\$ or US-20030172872-\$ or US-20030190497-\$ or US-20030190423-\$).did. or (US-6620250-\$ or US-6478923-\$ or US-6224681-\$ or US-6846516-\$ or US-4732124-\$ or US-5033538-\$ or US-5439519-\$ or US-5567267-\$ or US-4747367-\$ or US-5002928-\$ or US-4319737-\$ or US-5853484-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/08 10:26
S161	2	("5,002,928").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/12 16:46
S162	18	(US-20030116087-\$ or US-20050139160-\$ or US-20050008779-\$ or US-20030172872-\$ or US-20030190497-\$ or US-20030190423-\$).did. or (US-6620250-\$ or US-6478923-\$ or US-6224681-\$ or US-6846516-\$ or US-4732124-\$ or US-5033538-\$ or US-5439519-\$ or US-5567267-\$ or US-4747367-\$ or US-5002928-\$ or US-4319737-\$ or US-5853484-\$).did.	US-PGPUB; USPAT	OR	woon	2008/12/14 22:21
S163	33	(wafer or substrate) and (valve and showerhead) and (chamber or reactor)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 22:35
S164	192	(wafer or substrate) and ("needle valve")	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 22:40
S165	0	zervigon.xp.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 22:53

S166	71	zervigon.xp.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 22:53
S167	23	("20030000469" "20030019580" "3589394" "3610278" "4761269" "4780169" "5108535" "5174825" "5269847" "5286331" "5496408" "5589110" "5683517" "5728223" "5746875" "5853484" "5885358" "6286454" "6315858" "6446573"). PN. OR ("6872259"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 22:56
S168	20	(US-20030116087-\$ or US-20050139160-\$ or US-20050008779-\$ or US-20030172872-\$ or US-20030190497-\$ or US-20030190423-\$).did. or (US-6620250-\$ or US-6478923-\$ or US-6224681-\$ or US-6846516-\$ or US-4732124-\$ or US-5033538-\$ or US-5439519-\$ or US-5567267-\$ or US-4747367-\$ or US-5002928-\$ or US-4319737-\$ or US-5853484-\$ or US-6446573-\$ or US-4761269-\$).did.	US-PGPUB; USPAT	OR		2008/12/18 14:59
S169	2	("6331212").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/18 15:07
S170	4	(("6331212") or ("4761269")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/18 15:09

12/19/08 3:44:44 PM

C:\Documents and Settings\rzervigon\My Documents\EAST\Workspaces\09810387.wsp